

Department	11 Applied Social Sciences
Course title	Real Project: Sustainable Food Systems
Course number	N 6.1. (Internationale Transformationsprozesse, Transdisziplinäre Diskurse)
Hours per week (SWS)	4 SWS i.e. one-week seminar (1st-5th of July 2024)
Number of ECTS credits	6 ECTS
Course objective	
Prerequisites	
Recommended reading	
Teaching methods	Flipped Classroom
Assessment methods	
Language of instruction	English
Name of lecturer	Prof. Dr. Pia Popal (FK11), Prof. Dr. Bettina Maisch (FK06), Prof. Dr. Verena Kaiser (FK10), Prof. Dr. Malgorzata Krzywonos, Prof. Dr. Irmgard Eisenbarth. (FK14), Beatriz Sobral Hoffmann-Kuhnt, Malaika Fischer
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Link	https://nine.hm.edu/ModuleDescription/Semester?moduleId=8b7eed52-8175-ed11-91f4-0050568f928d&semId=26f6dc8e-9a07-e811-94bf-00155d6e6b0a
Course content	<p>Feeding all people on earth remains a major challenge. In 2050, about 9.7 billion people will live on earth. According to the UN, about 690 million people are already suffering from hunger. How can we ensure effective, low-cost and sustainable forms of food production? In many supermarkets, we in Germany have an abundant supply of food, some of which has already made a long journey. Whether these are bananas from Tanzania, beef from Argentina, or avocados from Colombia. In the context of food production, transport and processing, tons of climate-damaging CO2 are produced. How to ensure a sustainable production, processing, and delivery of food? How can modern technologies be used to more effectively treat and, if possible, even prevent existing diet-related diseases?</p> <p>In this one-week seminar together with international partners we will work on relevant topics, opportunities and challenges, in the context of Sustainability in Food & well-being and develop innovative, value-adding and sustainable solutions for the World.</p> <p>In the Real Project, students work in interdisciplinary teams on new solutions for the healthcare needs and challenges of the future. They develop both an innovative business model and a conceptual prototype. The format follows the action-learning approach, a practice-oriented procedure that is characterized by the fact that students use their own environment, i.e. their own ideas or projects in the university environment, as a field of action and learning at the same time.</p> <p>Teams of 4-6 students spend a semester developing innovative solutions within a given subject area using a design thinking process.</p> <p>Seminar content:</p> <ul style="list-style-type: none">- Team building- Desktop research- Stakeholder / user research - synthesis
Remarks	